

wherein A(1-21) and B(1-30) denote the A and B chains of human insulin and the -S-S-bridges are positioned as in insulin,] comprising:

a) expressing a DNA sequence encoding the compound of formula I

$$B(1-30)-Arg-A(1-21)$$
 (I)

in a bacterium;

b) cleaving the expressed compound of step (a) with trypsin resulting in the compound of the formula II

wherein A(1-21) and B(1-30) denote the A and B chains of human insulin and the -S-S-bridges are positioned as in insulin; and

(c) cleaving the resulting compound of step (b) with carboxypeptidase B.

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